

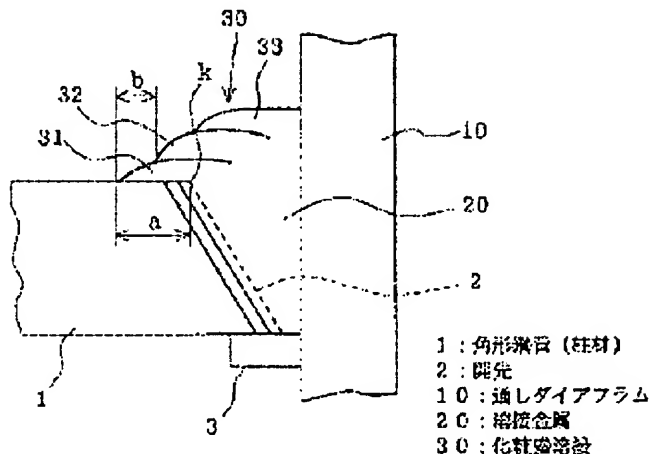
JOINT STRUCTURE OF STEEL-PIPE COLUMN AND DIAPHRAGM

Patent number: JP2003293450
Publication date: 2003-10-15
Inventor: KATAYAMA TADATERU; OKAMOTO HARUHITO;
 NAKAMURA NOBUYUKI; KOJIMA TOSHIFUMI;
 HIRANO OSAMU
Applicant: JFE STEEL KK;; SEIKEI KK
Classification:
 - international: E04B1/24; B23K9/00; E04B1/58
 - european:
Application number: JP20020095773 20020329
Priority number(s): JP20020095773 20020329

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Abstract of JP2003293450

<P>PROBLEM TO BE SOLVED: To provide a joint structure of a steel-pipe column and a diaphragm, enabling reduction in the manufacturing cost including material cost, and improvement in tenacity of the whole member. **<P>SOLUTION:** In this joint structure, a diaphragm 10 is welded and joined to the end of a square pipe, at least one end of which is subjected to beveling. A facing welding built-up 30 is applied to a welding joint part of the square steel pipe 1 has the standard of tensile strength of a raw steel plate under 590 N/mm^2 , and $0[\text{deg}]$ C impact absorbing energy of 70 J or more at the whole section, and the diaphragm 10. **<P>COPYRIGHT:** (C)2004,JPO



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🔍 Title: **JP2003293450A2: JOINT STRUCTURE OF STEEL-PIPE COLUMN AND DIAPHRAGM**

🔍 Derwent Title: Joint structure for steel tube and diaphragm, has rectangular steel tube of specific properties, with one edge portion peak-welded for joining with diaphragm ([Derwent Record](#))

🔍 Country: JP Japan

🔍 Kind: A2 Document Laid open to Public Inspection ¹

🔍 Inventor: KATAYAMA TADATERU;
OKAMOTO HARUHITO;
NAKAMURA NOBUYUKI;
KOJIMA TOSHIFUMI;
HIRANO OSAMU;

🔍 Assignee: JFE STEEL KK
SEIKEI:KK
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🔍 Priority Number: 2002-03-29 JP2002000095773

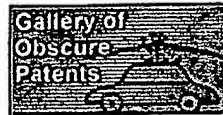
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🔍 Family: None

🔍 Other Abstract: None

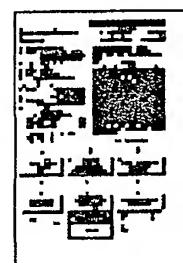
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